Program Name	Description of Change	Type of Change [1]	Status of Change	Updated Cost Effectiveness Evaluation			
				UCT	TRC	RIM	Participant
Energy Efficiency Education [2]	The Energy Efficiency Education (EEE) Program was launched offering an EE kit to individuals that completed the home energy audit. Based on the audit response, the customer may qualify for additional CFLs. The opportunity for customers to qualify for additional CFLs was eliminated in September 2010. This change was implemented to mitigate the risk associated of customers receiving CFLs from the EEE Program and residential Smart $aver CFL program via the (IVR/Web) offering.	Impact	September 2010				
	One 13 watt CFL bulb was added to the EE Kit.	Impact	Prior to June 2009	2	2.03	0.79	
Low Income Energy Efficiency and Weatherization Program	Offered program participants 12 CFLS instead of the filed offer of 6 CFLs and1 EE Kit.	Impact	Prior to June 2009	1.84	1.84	0.66	
Low Income Energy Efficiency and Weatherization Program	The Low Income CFL measure (12 pack of CFLs) was discontinued as a offering under Low Income Programs. The residential Smart $aver CFL program offers free CFLs to all residential customers in North and South Carolina through the automated IVR/Web platform. Duke Energy has served more low income customers through this offer. The participation rate through the residential Smart$aver CFL program has exceeded the participation rate in the Low Income Programs CFL offer from past years.	Impact	January 2011	0.37	0.37	0.28	
Non-Residential Smart $aver Prescriptive [3]	Incentive measure additions, within the technology categories defined in the tariff, have occurred between filing and July 2010. Measure additions were made to the high efficient lighting (majority of additions), food service, motors/pumps/drives, and process categories.	Impact	Refer to the worksheet named NRPRES Measure Extensions for a detailed listing of measure extensions.	2.86	1.78	1.13	2.35
Non-Residential Smart $aver Prescriptive [4]	A limited number of incentive measures originally filed have been removed from the program offerings since filing. Incentives for these measures continue to be available thru the Custom program with the exception of air cooled reciprocal chillers which are no longer manufactured.	Impact	Refer to the worksheet named NRPRES Removed Measures for a detailed listing and explanation of measure removals.	2.82	1.79	1.13	2.37
Non-Residential Smart $aver Prescriptive	Incentive amounts were revised (both increased and decreased) were made to measures originally filed. Revisions were made within the 50% tariff incentive cap.	Participation	Refer to the worksheets named NRPRES Increased Incentive Amts and NRPRES Decreased Incentive Amts for a detailed listing of changes.				
Residential Energy Assessments	The window film and a 15 watt CFL bulb was removed from the EE kit offered to Home Energy House Call Program participants. These two items were replaced with two 13 watt CFL bulbs. Also added additional CFLs, based on number of CFLs currently installed in the home, an average of 6.	Impact	Prior to June 2009	2.56	2.56	0.74	
Residential Smart $aver [5]	Residential CFL program moved from a discounted coupon (retail) offer to a 'free' offer.	Participation	March 2010	3.17	3.86	0.78	9.13

Program Name	Description of Change	Type of Change [1]	Status of Change	Updated Cost Effectiveness Evaluation			
				UCT	TRC	RIM	Participant
Residential Smart $aver [6]	Residential Property Manager program allows Duke Energy to reach multi-family properties (i.e. rental customers). Duke Energy ships bulk CFLs to eligible Properties and the CFLs are installed in permanent fixtures of each unit. The Property Managers pay the shipping fee and reports installation data back to Duke. The program increases tenant satisfaction with Energy Efficiency lighting upgrades and is easy for properties to participate in the program.	Impact	March 2010	3.45	2.8	0.79	6.24

[1] Type of Change is updated as an Impact Change or Participation Change. A Participation Change is a modification that is designed to either increase participation in the program or improve the cost effectiveness without having a negative impact to participation. An Impact Change is a modification that results in an either a decrease or increase in kWh/kW saved by a measure.

[2] Updated cost effectiveness scores reflect removal of six pack of CFLs and adding one 13W CFL to the EE kit.

[3] Updated cost effectiveness scores reflect removed measures excluded and measures extensions added.

[4] Updated cost effectiveness scores reflect removed measures.

[5] Updated cost effectiveness scores reflect free CFL offer and Property Manager CFL.

[6] Updated cost effectiveness scores reflect addition of Property Manager CFL to as filed residential Smart $aver Program.

				Cost Effectiveness Scores			
Program Name	**Program Description**	**Type of Change**	**Status of Change**	**UCT**	**TRC**	**RIM**	**Participant**
Neighborhood Low Income Program	Duke Energy plans to file the Neighborhood Low Income Program for approval.	Impact	Proposed	1.49	2.86	0.64	
Appliance Recycling Program	Duke Energy plans to file the Appliance Recycling Program for approval.	Impact	Proposed	3.03	3.69	0.82	
Residential Smart $aver- HVAC	Duke Energy is proposing to add additional measures to the Smart Saver portfolio including HVAC tune ups, attic insulation and air sealing, duct insulation and duct sealing. Duke Energy proposes to offer prescribed incentives for successful completion or implementation of the additional measures identified. Additional measures will be available individually or as bundled services and will be performed by local contractors who have chosen to participate in the Smart Saver program.	Impact	Proposed	2.25	1.91	0.76	4.37
Power Manager	The $35 installation fee was inadvertently not included in the D.S. More cost effectiveness evaluations of the Power Manager program. However, the installation fee has been charged to customers who enroll in Power Manager. The $35 is applied as a credit to the Power Manager program using the accounting codes established for Energy Efficiency. [1]	Participation	Proposed	4.46	85.67	4.46	

				Cost Effectiveness Scores			
Program Name	**Program Description**	**Type of Change**	**Status of Change**	**UCT**	**TRC**	**RIM**	**Participant**
Non-Residential Smart $aver	Duke Energy is proposing the addition of incentive measures, within the technology categories defined in the tariff, to the existing program. Refer to the NRPRES Proposed Measures worksheet for a detailed listing of proposed measures and associated cost effectiveness scores per measure .	Impact	Proposed				
Non-Residential Smart $aver	Duke Energy is proposing the removal of motor incentives from the program in response to EISA 2007 which mandated the existing program minimum efficiency requirements as market standard. Motors with efficiencies higher than the market standard would continue to be eligible for Custom incentives. Evaluation is also planned to determine whether a future Prescriptive offering would be beneficial.	Participation	Proposed				

[1] The cost effectiveness scores reflect the correction to Power Manager cost effectiveness test results filed as a correction in docket E-7, Sub 831 on June 3, 2011.

Technology	Program Measure Name	Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Lighting	T-8 3 Lamp High Bay Fluorescent (replacing 150-249W HID)	$30.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	2 High Bay Fluorescent 8LF32T8 (Replacing 1000W HID)	$120.00	Per 2 Fixtures	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Bay 3L T-5 High Output (replacing 250-399W HID)	$40.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	2 High Bay 6L T-5 High Output replacing 1000W HID (2 for 1 replacement)	$120.00	Per 2 Fixtures	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	LED Case lighting	$50.00	Per Door	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	LED Case lighting sensor control	$10.00	Per Sensor	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	Reduced-wattage T8 4ft 1 lamp, replacing standard T8	$4.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	Reduced-wattage T8 4ft 2 lamp, replacing standard T8	$6.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	Reduced-wattage T8 4ft 3 lamp, replacing standard T8	$10.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	Reduced-wattage T8 4ft 4 lamp, replacing standard T8	$12.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T-8 4ft 2 lamp replacing T-12 8ft 1 lamp	$10.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.

Technology	Program Measure Name	Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Lighting	High Performance T-8 4ft 2 lamp replacing T-12 High Output 8ft 1 lamp	$20.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T-8 4ft 4 lamp replacing T-12 8ft 2 lamp	$10.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T-8 4ft 4 lamp replacing T-12 High Output 8ft 2 lamp	$25.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 1 lamp, replacing standard T8	$4.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 1 lamp, replacing T12	$6.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 2 lamp, replacing standard T8	$6.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 2 lamp, replacing T12	$8.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 3 lamp, replacing standard T8	$6.20	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 3 lamp, replacing T12	$12.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 4 lamp, replacing standard T8	$12.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Lighting	High Performance T8 4ft 4 lamp, replacing T12	$16.00	Per Fixture	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.

Technology	Program Measure Name	Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Lighting	Reduced-wattage T8 lamps replacing standard 32 Watt T-8's	$0.50	Per Bulb	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Food Service	Anti-sweat Heater Controls	$40.00	Per Door	Product extension under existing tariff. Per consultant recommendation, addition was performed due to market potential and cost effectiveness as well as to standardized portfolios across states. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Measure extension was in development prior to program launch.
Food Service	ENERGY STAR ® Glass Door Reach-in Freezer (<15 cu ft)	$50.00	Per Unit (Freezer)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010
Food Service	ENERGY STAR ® Glass Door Reach-in Freezer (15-30 cu ft)	$75.00	Per Unit (Freezer)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010
Food Service	ENERGY STAR® Glass Door Reach-in Freezer (31-50 cu ft)	$100.00	Per Unit (Freezer)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010
Food Service	ENERGY STAR® Glass Door Reach-in Freezer (>50 cu ft)	$125.00	Per Unit (Freezer)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010

Technology	Program Measure Name	Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Food Service	ENERGY STAR® Glass Door Reach-in Refrig (<15 cu ft)	$50.00	Per Unit (Refrigerator)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010
Food Service	ENERGY STAR® Glass Door Reach-in Refrig (15-30 cu ft)	$75.00	Per Unit (Refrigerator)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010
Food Service	ENERGY STAR® Glass Door Reach-in Refrig (31-50 cu ft)	$100.00	Per Unit (Refrigerator)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010
Food Service	ENERGY STAR® Glass Door Reach-in Refrig (>50 cu ft)	$125.00	Per Unit (Refrigerator)	Measure analysis for the filing started in the 2007-2008 time period. Energy Star changed the base line requirements for solid door refrigerators and freezers in January 2010. Per consultant recommendation, solid door size requirements were changed in response to the base line revision and Energy Star glass door options were added to the program to align with Energy Star options. Revision timing coincides with the timing of the 2010 annual portfolio review. Glass door refrigerators had been rated by Energy Start since at least April 2009 but believed not to be included in the initial filing due to the timing of the initial measure analysis.	July 2010
Process Equipment	Pellet Dryer Duct Insulation 4in dia	$18.00	Per Foot of Insulation	Product extension under existing tariff. Measure initially failed cost effectiveness test but after certain program changes subsequently passed and was added to the program.	June 2009
Process Equipment	Pellet Dryer Duct Insulation 6in dia	$30.00	Per Foot of Insulation	Product extension under existing tariff. Measure initially failed cost effectiveness test but after certain program changes subsequently passed and was added to the program.	June 2009
Motors/Pumps/VFDs	7.5-20 Horse Power Motors	$8.00	Per HP	Product extension under existing tariff. Measure initially failed cost effectiveness test but after certain program changes subsequently passed and was added to the program.	June 2009

Technology	Program Measure Name	Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Motors/Pumps/VFDs	125-250 Horse Power Motors	$4.00	Per HP	Product extension under existing tariff. Measure initially failed cost effectiveness test but after certain program changes subsequently passed and was added to the program.	June 2009
Motors/Pumps/VFDs	1.5 Horse Power High Efficiency Pumps	$122.00	Per Pump	Product extension under existing tariff. Measure initially failed cost effectiveness test but after certain program changes subsequently passed and was added to the program.	June - July 2009
Motors/Pumps/VFDs	2 Horse Power High Efficiency Pumps	$175.00	Per Pump	Product extension under existing tariff. Measure initially failed cost effectiveness test but after certain program changes subsequently passed and was added to the program.	June - July 2009
Motors/Pumps/VFDs	3 Horse Power High Efficiency Pumps	$175.00	Per Pump	Product extension under existing tariff. Measure initially failed cost effectiveness test but after certain program changes subsequently passed and was added to the program.	June - July 2009

Program Measure Name	As Filed Incentive per Unit	Reason for Modification	Date of Modification
Chilled Water Reset 300 tons or greater	$165/unit	Measure was removed per consultant recommendation due to limited market potential.	June 2009
Head Pressure Control - Refrigeration System	$16/ton	Measure was removed per consultant recommendation due to limited market potential and energy saving variability.	June 2009
Energy Star Commercial Clothes Washers - Washer Only	$50/washer	Measure was removed per consultant recommendation due to limited market potential.	June 2009
Energy Star Commercial Clothes Washers - Electric Dryer an	$50/washer	Measure was removed per consultant recommendation due to limited market potential.	June 2009
Zone Shut-Off Valves - Compressed Air	$236/valve	Measure was removed per consultant recommendation due to limited market potential.	June 2009
Air Cooled Reciprocal Chiller	Up to $57/ton	Removed as reciprocal type chillers are no longer manufactured. Screw and scroll type air cooled chiller incentives are still offered.	March 2011

Technology	Program Measure Name	Current Incentive per unit	Original Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Lighting	Occupancy Sensors over 500 Watts	$40.00	$20.00	Per Sensor	Increased to correct an error in the incentive amount. Incentive amounts were reversed between the over and under 500 Watts sensors.	June 2009
Food Service	ENERGY STAR ® Solid Door Reach-in Freezer (15-30 cu ft)	$75.00	$70.00	Per Unit (Freezer)	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to provide a higher incentive for larger qualified models. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010
Food Service	ENERGY STAR® Solid Door Reach-in Freezer (31-50 cu ft)	$100.00	$70.00	Per Unit (Freezer)	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to provide a higher incentive for larger qualified models. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010
Food Service	ENERGY STAR® Solid Door Reach-in Freezer (>50 cu ft)	$125.00	$70.00	Per Unit (Freezer)	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to provide a higher incentive for larger qualified models. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010
Food Service	ENERGY STAR® Solid Door Reach-in Refrig (15-30 cu ft)	$75.00	$70.00	Per Unit (Refrigerator)	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to provide a higher incentive for larger qualified models. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010

Technology	Program Measure Name	Current Incentive per unit	Original Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Food Service	ENERGY STAR® Solid Door Reach-in Refrig (31-50 cu ft)	$100.00	$70.00	Per Unit (Refrigerator)	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to provide a higher incentive for larger qualified models. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010
Food Service	ENERGY STAR® Solid Door Reach-in Refrig (>50 cu ft)	$125.00	$70.00	Per Unit (Refrigerator)	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to provide a higher incentive for larger qualified models. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010
Motor/Pumps/VFDs	Variable Frequency Drive 1.5 - 50 HP - applied to HVAC Fans	$100.00	$40.00	Per Horse Power	VFD incentives were split between process pumping and HVAC per consultant recommendation to gain more accuracy with the energy savings and reflect different operating characteristics. All VFD HVAC applications (fans and pumps) were assigned an incentive of $100.	June 2009
Motor/Pumps/VFDs	Variable Frequency Drive 1.5 - 50 HP - applied to HVAC Condenser Pump, Hot Water Pump	$100.00	$40.00	Per Horse Power	VFD incentives were split between process pumping and HVAC per consultant recommendation to gain more accuracy with the energy savings and reflect different operating characteristics. All VFD HVAC applications (fans and pumps) were assigned an incentive of $100.	June 2009
HVAC	AC 240,000 - 760,000 BTUH	$25.00	$20.00	Per Ton	Per consultant recommendation, the incentive was increased in an effort to increase participation while still maintaining cost effectiveness. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009

Technology	Full load kW/ton - EER	Size	Current Base Incentive $/ton	Part Load IPLV kW/ton - EER	Current Additional Incentive $/ton	Original Incentive $/ton	Reason for Modification	Date of Modification
Chillers	Air Cooled Reciprocal Chiller 1.23 - 9.8	All Sizes	$8.00	0.89 - 13.5	$24.13	$25.00	Per consultant recommendation, incentives increased when efficiency levels were broken out from the initial 4 chiller category offerings. Chiller categories did not change. The revisions involved further defining the chiller efficiency levels within the filed chiller categories beyond just a minimum requirement. Incentives are now based on a combination of full load kW/ton or EER and a part load kW/ton or EER. The incentives were increased to motivate customers to move to higher efficiency offerings which are typically more expensive.	July 2009 Measure revision was in development prior to program launch.
Chillers	Air Cooled Reciprocal Chiller 1.23 - 9.8	All Sizes	$8.00	0.81 - 14.8	$31.50	$25.00		
Chillers	Air Cooled Reciprocal Chiller 1.142 - 10.5	All Sizes	$25.00	0.935 - 12.8	$11.20	$25.00		
Chillers	Air Cooled Reciprocal Chiller 1.142 - 10.5	All Sizes	$25.00	0.821 - 14.6	$22.50	$25.00		
Chillers	Air Cooled Reciprocal Chiller 1.142 - 10.5	All Sizes	$25.00	0.753 - 15.9	$29.30	$25.00		
Chillers	Air Cooled Reciprocal Chiller 1.046 - 11.5	All Sizes	$30.00	0.961 - 12.5	$0.00	$25.00		
Chillers	Air Cooled Reciprocal Chiller 1.046 - 11.5	All Sizes	$30.00	0.858 - 14.0	$10.30	$25.00		
Chillers	Air Cooled Reciprocal Chiller 1.046 - 11.5	All Sizes	$30.00	0.753 - 15.9	$20.80	$25.00		
Chillers	Air Cooled Reciprocal Chiller 1.046 - 11.5	All Sizes	$30.00	0.691 - 17.4	$27.00	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.23 - 9.8	All Sizes	$8.00	0.89 - 13.5	$24.13	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.23 - 9.8	All Sizes	$8.00	0.81 - 14.8	$31.50	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.142 - 10.5	All Sizes	$25.00	0.925 - 13.0	$12.00	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.142 - 10.5	All Sizes	$25.00	0.879 - 13.7	$16.70	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.142 - 10.5	All Sizes	$25.00	0.674 - 17.8	$37.20	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.046 - 11.5	All Sizes	$30.00	0.961 - 12.5	$0.00	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.046 - 11.5	All Sizes	$30.00	0.847 - 14.2	$11.40	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.046 - 11.5	All Sizes	$30.00	0.795 - 15.1	$16.60	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.046 - 11.5	All Sizes	$30.00	0.618 - 19.4	$34.30	$25.00		
Chillers	Water Cooled Screw Chiller 0.71 - 16.9	<150 ton	$15.00	0.56 - 21.4	$7.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.71 - 16.9	<150 ton	$15.00	0.53 - 22.6	$10.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.71 - 16.9	<150 ton	$15.00	0.50 - 24.0	$13.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.71 - 16.9	<150 ton	$15.00	0.46 - 26.1	$17.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.71 - 16.9	<150 ton	$15.00	0.43 - 27.9	$20.00	$20.00		

Technology	Full load kW/ton - EER	Size	Current Base Incentive $/ton	Part Load IPLV kW/ton - EER	Current Additional Incentive $/ton	Original Incentive $/ton	Reason for Modification	Date of Modification
Chillers	Water Cooled Screw Chiller 0.63 - 19	<150 ton	$20.00	0.50 - 24.0	$6.00	$20.00	Per consultant recommendation, incentives increased when efficiency levels were broken out from the initial 4 chiller category offerings. Chiller categories did not change. The revisions involved further defining the chiller efficiency levels within the filed chiller categories beyond just a minimum requirement. Incentives are now based on a combination of full load kW/ton or EER and a part load kW/ton or EER. The incentives were increased to motivate customers to move to higher efficiency offerings which are typically more expensive.	July 2009 Measure revision was in development prior to program launch.
Chillers	Water Cooled Screw Chiller 0.63 - 19	<150 ton	$20.00	0.47 - 25.5	$9.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.63 - 19	<150 ton	$20.00	0.44 - 27.3	$12.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.63 - 19	<150 ton	$20.00	0.41 - 29.3	$15.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.63 - 19	<150 ton	$20.00	0.38 - 31.6	$18.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 - 19.0	<150 ton	$15.00	0.51 - 23.5	$9.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 - 19.0	<150 ton	$15.00	0.48 - 25.0	$12.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 - 19.0	<150 ton	$15.00	0.45 - 26.7	$15.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 - 19.0	<150 ton	$15.00	0.38 - 31.6	$22.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.56 - 21.4	<150 ton	$20.00	0.46 - 26.1	$7.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.56 - 21.4	<150 ton	$20.00	0.43 - 27.9	$10.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.56 - 21.4	<150 ton	$20.00	0.40 - 30.0	$13.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.56 - 21.4	<150 ton	$20.00	0.34 - 35.3	$19.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.65 - 18.5	150-300 tons	$15.00	0.45 - 26.7	$12.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.65 - 18.5	150-300 tons	$15.00	0.42 - 28.6	$15.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.65 - 18.5	150-300 tons	$15.00	0.39 - 30.8	$18.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.57- 21.1	150-300 tons	$20.00	0.45 - 26.7	$6.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.57- 21.1	150-300 tons	$20.00	0.43 - 27.9	$8.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.57- 21.1	150-300 tons	$20.00	0.40 - 30.0	$11.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.57- 21.1	150-300 tons	$20.00	0.37 - 32.4	$14.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.57- 21.1	150-300 tons	$20.00	0.34 - 35.3	$17.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.57- 21.1	150-300 tons	$15.00	0.43 - 27.9	$11.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.57- 21.1	150-300 tons	$15.00	0.40 - 30.0	$14.00	$25.00		

Technology	Full load kW/ton - EER	Size	Current Base Incentive $/ton	Part Load IPLV kW/ton - EER	Current Additional Incentive $/ton	Original Incentive $/ton	Reason for Modification	Date of Modification
Chillers	Water Cooled Centrifugal Chiller 0.57- 21.1	150-300 tons	$15.00	0.34 - 35.3	$20.00	$25.00	Per consultant recommendation, incentives increased when efficiency levels were broken out from the initial 4 chiller category offerings. Chiller categories did not change. The revisions involved further defining the chiller efficiency levels within the filed chiller categories beyond just a minimum requirement. Incentives are now based on a combination of full load kW/ton or EER and a part load kW/ton or EER. The incentives were increased to motivate customers to move to higher efficiency offerings which are typically more expensive.	July 2009 Measure revision was in development prior to program launch.
Chillers	Water Cooled Centrifugal Chiller 0.51 - 23.5	150-300 tons	$20.00	0.41 - 29.3	$7.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.51 - 23.5	150-300 tons	$20.00	0.39 - 30.8	$9.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.51 - 23.5	150-300 tons	$20.00	0.36 - 33.3	$12.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.51 - 23.5	150-300 tons	$20.00	0.30 - 40.0	$18.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.58 - 20.7	>300 tons	$15.00	0.4 - 30.0	$11.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.58 - 20.7	>300 tons	$15.00	0.37 - 32.4	$14.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.58 - 20.7	>300 tons	$15.00	0.35 - 34.3	$16.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.51 - 23.5	>300 tons	$20.00	0.4 - 30.0	$6.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.51 - 23.5	>300 tons	$20.00	0.38 - 31.6	$8.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.51 - 23.5	>300 tons	$20.00	0.36 - 33.3	$10.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.51 - 23.5	>300 tons	$20.00	0.33 - 36.4	$13.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.51 - 23.5	>300 tons	$20.00	0.31 - 38.7	$15.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.52 - 23.1	>300 tons	$15.00	0.37 - 32.4	$12.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.52 - 23.1	>300 tons	$15.00	0.31 - 38.7	$18.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.46 - 26.1	>300 tons	$20.00	0.37 - 32.4	$7.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.46 - 26.1	>300 tons	$20.00	0.35 - 34.3	$9.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.46 - 26.1	>300 tons	$20.00	0.33 - 36.4	$11.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.46 - 26.1	>300 tons	$20.00	0.28 - 42.9	$16.00	$25.00		

Technology	Program Measure Name	Current Incentive per unit	Original Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Lighting	Occupancy Sensors under 500 Watts	$20.00	$40.00	per sensor	Decreased to correct an error in the incentive amount originally filed. Incentive amounts were reversed between the over and under 500 Watts sensors.	June 2009
Motors/Pumps/VFDs	Variable Frequency Drive for Chilled Water Pumps 1.5, 2, 3, 5, 7.5, 10, 15, 20, 25, 30, 40, 50 Horse Power	$100.00	$111.00	per hp	Per consultant recommendation, the incentive was decreased as a lower incentive was expected to continue to drive participation and increase cost effectiveness.	June - July 2009 Incentive revision was in development prior to program launch.
Motors/Pumps/VFDs	High Efficiency Pump 5 Horse Power	$170.00	$171.00	per pump	Incentive was decreased to a round number per consultant recommendation to make it easier to implement and more consistent across territories.	June - July 2009 Incentive revision was in development prior to program launch.
Motors/Pumps/VFDs	High Efficiency Pump 10 Horse Power	$165.00	$166.00	per pump	Incentive was decreased to a round number per consultant recommendation to make it easier to implement and more consistent across territories.	June - July 2009 Incentive revision was in development prior to program launch.
Motors/Pumps/VFDs	High Efficiency Pump 15 Horse Power	$290.00	$293.00	per pump	Incentive was decreased to a round number per consultant recommendation to make it easier to implement and more consistent across territories.	June - July 2009 Incentive revision was in development prior to program launch.
Foodservice	ENERGY STAR ® Solid Door Reach-in Freezer (<15 cu ft)	$50.00	$70.00	per unit	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to incentivize the new Energy Star models which led to an incentive decrease. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010

Technology	Program Measure Name	Current Incentive per unit	Original Incentive per Unit	Unit of Measure	Reason for Modification	Date of Modification
Foodservice	ENERGY STAR ® Solid Door Reach-in Refrigerator (<15 cu ft)	$50.00	$70.00	per unit	Incentive structure changed in response to a baseline efficiency change with Energy Star. As a result, a graduated incentive structure was implemented per consultant recommendation to incentivize the new Energy Star models which led to an incentive decrease. Revision timing coincides with the timing of the 2010 annual portfolio review.	July 2010
HVAC	Unitary and Rooftop AC <65,000 BTUH (1 Phase)	$25.00	$35.00	per ton	The Incentive was decreased per consultant recommendation as it was believed the lower incentive amount could drive participation. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Incentive revision had been in development prior to program launch.
HVAC	Unitary and Rooftop AC >760,000 BTUH	$30.00	$40.00	per ton	The incentive was decreased per consultant recommendation as it was believed the lower incentive amount could drive participation. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Incentive revision had been in development prior to program launch.
HVAC	Unitary and Rooftop AC >240,000 BTUH	$25.00	$35.00	per ton	The incentive was decreased per consultant recommendation as it was believed the lower incentive amount could drive participation. Revision timing coincides with the timing of the 2009 annual portfolio review.	July 2009 Incentive revision had been in development prior to program launch.

Technology	Full load kW/ton - EER	Size	Current Base Incentive $/ton	Part Load IPLV kW/ton - EER	Current Additional Incentive $/ton	Original Incentive $/ton	Reason for Modification	Date of Modification
Chillers	Air Cooled Reciprocal Chiller 1.23 - 9.8	All Sizes	$8.00	1.130 –10.60	$0.00	$25.00	Per consultant recommendation, incentives decreased when efficiency levels were broken out from the initial 4 chiller category offerings. Chiller categories did not change. The revisions involved further defining the chiller efficiency levels within the filed chiller categories beyond just a minimum requirement and associating assigned incentives to motivate customers to purchase higher efficiency models. Incentives are now based on a combination of full load kW/ton or EER and a part load kW/ton or EER.	July 2009 Measure revision was in development prior to program launch.
Chillers	Air Cooled Reciprocal Chiller 1.23 - 9.8	All Sizes	$8.00	1.010 – 11.90	$11.66	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.23 - 9.8	All Sizes	$8.00	1.130 –10.60	$0.00	$25.00		
Chillers	Air Cooled Scroll/Screw Chiller 1.23 - 9.8	All Sizes	$8.00	1.010 – 11.90	$11.66	$25.00		
Chillers	Water Cooled Screw Chiller 0.79 – 15.2	<150 ton	$5.00	0.62 – 19,4	$0.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.79 – 15.2	<150 ton	$5.00	0.59 – 20.3	$3.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.79 – 15.2	<150 ton	$5.00	0.55 – 21.8	$7.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.79 – 15.2	<150 ton	$5.00	0.51 – 23.5	$11.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.71 - 16.9	<150 ton	$15.00	0.63 – 19.0	$0.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.70 – 17.1	<150 ton	$5.00	0.57 – 21.1	$0.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.70 – 17.1	<150 ton	$5.00	0.53 – 22.6	$4.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.70 – 17.1	<150 ton	$5.00	0.5 – 24.0	$7.00	$20.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 - 19.0	<150 ton	$15.00	0.6 – 20.0	$0.00	$20.00		
Chillers	Water Cooled Screw Chiller 0.72 – 16.7	150-300 tons	$5.00	0.57 – 21.1	$0.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.72 – 16.7	150-300 tons	$5.00	0.54 – 22.2	$3.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.72 – 16.7	150-300 tons	$5.00	0.50 – 24.0	$7.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.72 – 16.7	150-300 tons	$5.00	0.47 – 25.5	$10.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.72 – 16.7	150-300 tons	$5.00	0.43 – 27.9	$14.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.65 - 18.5	150-300 tons	$15.00	0.51 – 23.5	$0.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.65 - 18.5	150-300 tons	$15.00	0.48 – 25.0	$6.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.65 - 18.5	150-300 tons	$15.00	0.45 – 26.7	$9.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.57- 21.1	150-300 tons	$20.00	0.51 – 23.5	$0.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 – 19	150-300 tons	$5.00	0.51 – 23.5	$0.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 – 19	150-300 tons	$5.00	0.48 – 25.0	$3.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 – 19	150-300 tons	$5.00	0.45 – 26.7	$6.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.63 – 19	150-300 tons	$5.00	0.38 – 31.6	$13.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.57- 21.1	150-300 tons	$15.00	0.54 – 22.2	$0.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.57- 21.1	150-300 tons	$15.00	0.46 – 26.1	$8.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.51 - 23.5	150-300 tons	$20.00	0.48 – 25.0	$0.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.64 – 18.75	>300 tons	$5.00	0.51 – 23.5	$0.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.64 – 18.75	>300 tons	$5.00	0.48 – 25.0	$3.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.64 – 18.75	>300 tons	$5.00	0.45 – 26.7	$6.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.64 – 18.75	>300 tons	$5.00	0.42 – 28.6	$9.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.64 – 18.75	>300 tons	$5.00	0.38 – 31.6	$13.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.58 - 20.7	>300 tons	$15.00	0.51 – 23.5	$0.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.58 - 20.7	>300 tons	$15.00	0.45 – 26.7	$6.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.58 - 20.7	>300 tons	$15.00	0.43 – 27.9	$8.00	$25.00		
Chillers	Water Cooled Screw Chiller 0.51 - 23.5	>300 tons	$20.00	0.46 – 26.1	$0.00	$25.00		

Technology	Full load kW/ton - EER	Size	Current Base Incentive $/ton	Part Load IPLV kW/ton - EER	Current Additional Incentive $/ton	Original Incentive $/ton	Reason for Modification	Date of Modification
Chillers	Water Cooled Centrifugal Chiller 0.58 – 20.7	>300 tons	$5.00	0.47 – 25.5	$0.00	$25.00	Per consultant recommendation, incentives decreased when efficiency levels were broken out from the initial 4 chiller category offerings. Chiller categories did not change. The revisions involved further defining the chiller efficiency levels within the filed chiller categories beyond just a minimum requirement and associating assigned incentives to motivate customers to purchase higher efficiency models. Incentives are now based on a combination of full load kW/ton or EER and a part load kW/ton or EER.	July 2009 Measure revision was in development prior to program launch.
Chillers	Water Cooled Centrifugal Chiller 0.58 – 20.7	>300 tons	$5.00	0.44 – 27.3	$3.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.58 – 20.7	>300 tons	$5.00	0.41 – 29.3	$6.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.58 – 20.7	>300 tons	$5.00	0.35 – 34.3	$12.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.52 - 23.1	>300 tons	$15.00	0.49 – 24.5	$0.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.52 - 23.1	>300 tons	$15.00	0.42 – 28.6	$7.00	$25.00		
Chillers	Water Cooled Centrifugal Chiller 0.46 - 26.1	>300 tons	$20.00	0.44 – 27.3	$0.00	$25.00		

Equipment	Proposed Technologies	Base Efficiency Level	Proposed Efficiency Level	NC UCT_Cost Based Norm	NC TRC_Cost Based Norm	NC RIM (Net Fuel)_Cost Based Norm	Participant Test Results
Food Service	Beverage Reach-in Controller	Beverage Reach-in Cooler without motion control	Beverage Reach-in Cooler with motion control to control machine light usage and optimize refrigeration	2.84	1.58	1.05	2.44
Food Service	Door Gaskets - Cooler and Freezer	Old Leaky Door Gaskets	New Door Gaskets	12.08	8.26	1.58	10.95
Food Service	ECM Cooler and Freezer Motors - ECM replacing PSC	Cooler or Freezer Fan Motor with Perm. Split. Cap. Motor	Cooler or Freezer Fan utilizing an Electronically Commutated Motor (ECM)	5.64	4.19	1.42	5.83
Food Service	ECM Cooler and Freezer Motors - ECM replacing SP	Cooler or Freezer Fan Motor with Shaded Pole Motor	Cooler or Freezer Fan utilizing an ECM Motor	17.04	12.66	1.71	16.35
Food Service	ECM Display Case Motors	Low Efficiency Shaded Pole or Permanent Split Capacitor Motor	Display Case Fan utilizing an ECM Motor	3.45	2.57	1.23	3.81
Food Service	Pre Rinse Sprayers	Standard Sprayer >2.2 gpm	Efficient Low Flow Sprayer <= 1.6 gpm	7.69	6.89	1.44	11.46
Food Service	Snack Machine Controller	Snack machine without motion control	Snack machine with motion control to control machine light usage	2.58	1.33	1.08	2.03
HVAC	CEE Tier 1 Room A/C greater than 14,000 Btu/hr	Standard Room A/C unit, 8.5-9.7 EER	Consortium for Energy Efficiency (CEE) Tier 1 Room A/C unit, 9.8-111.2 Energy Efficiency Ratio (EER)	3.08	0.96	2.08	0.58
HVAC	CEE Tier 1 Room A/C less than 14,000 Btu/hr	Standard Room A/C unit, 9.7-9.8 EER	CEE Tier 1 Room A/C unit, 11.2-11.3 EER	4.02	1.19	2.47	0.65
HVAC	CEE Tier 2 Room A/C greater than 14,000 Btu/hr	Standard Room A/C unit, 8.5-9.7 EER	CEE Tier 2 Room A/C unit, 10.2-11.6 EER	3.58	0.98	2.29	0.55
HVAC	CEE Tier 2 Room A/C less than 14,000 Btu/hr	Standard Room A/C unit, 9.7-9.8 EER	CEE Tier 2 Room A/C unit, 11.6-11.8 EER	4.08	1.11	2.49	0.6
HVAC	Guest Room Energy Management, Electric Heat Pump	Guest Room without motion control on HVAC	Guest Room with motion sensor to reset temperature on HVAC system	2.03	1.21	0.98	1.84
HVAC	Guest Room Energy Management, Gas Heating (Electric Cooling Only)	Guest Room without motion control on HVAC	Guest Room with motion sensor to reset temperature on HVAC system	4.75	1.25	2.72	0.65
HVAC	High -Efficiency Commercial Electric Water Heater	Electric water heater 4.5 kW, EF=0.864	High efficient electric water heater (4.5 kw, EF=0.93)	5.91	4.18	1.44	5.67
Lighting	Ceramic Metal Halide 20-100W	Incandescent display lighting	Ceramic metal halide lamp/fixture 20-100W	5.48	1.81	1.36	2.03
Lighting	Ceramic Metal Halide with Integral Ballast	Incandescent display lighting (flood lights) ≥ 70W	Ceramic metal halide Flood Light with Integral Ballast ≤ 25W	1.40	0.38	0.77	0.56
Lighting	CFL Reflector Flood	Incandescent lamps with reflectors	Compact fluorescent lamps with reflectors	6.34	4.34	1.35	6.09
Lighting	CFL Screw High Wattage	Incandescent lamp	Compact fluorescent lamp more than 30W and less than 115W	6.53	3.30	1.36	4.17
Lighting	CFL Screw in, Specialty	Incandescent lamp	Compact fluorescent lamp less than 30W	7.36	5.04	1.39	6.98
Lighting	Delamping T12 2ft to T-8	T12 fluorescent	T8 fluorescent delamped (reduced lamps in comparison with original fixture)	7.46	1.45	1.46	1.46
Lighting	Delamping T12 3ft to T-8	T12 fluorescent	T8 fluorescent delamped (reduced lamps in comparison with original fixture)	8.39	2.11	1.50	2.17
Lighting	Delamping T12 4ft to T-8	T12 fluorescent	T8 fluorescent delamped (reduced lamps in comparison with original fixture)	8.72	2.46	1.51	2.56
Lighting	Delamping T12 8ft to T-8	T12 fluorescent	T8 fluorescent delamped (reduced lamps in comparison with original fixture)	8.37	3.77	1.50	4.27

Equipment	Proposed Technologies	Base Efficiency Level	Proposed Efficiency Level	NC UCT_Cost Based Norm	NC TRC_Cost Based Norm	NC RIM (Net Fuel)_Cost Based Norm	Participant Test Results
Lighting	Exterior HID replacement above 175W to 250W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.55	0.33	0.93	0.48
Lighting	Exterior HID replacement above 250W to 400W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.65	0.35	0.96	0.5
Lighting	Exterior HID replacement above 400W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.59	0.48	0.94	0.73
Lighting	Exterior HID replacement to 175W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.31	0.27	0.84	0.42
Lighting	Garage HID replacement above 175W to 250W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.61	0.86	0.91	1.36
Lighting	Garage HID replacement above 250W to 400W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.66	0.92	0.93	1.45
Lighting	Garage HID replacement above 400W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.87	1.24	0.99	2.02
Lighting	Garage HID replacement to 175W HID retrofit	HID exterior lighting	LED or Induction exterior lighting, 40% wattage reduction from original fixture	1.64	0.76	0.92	1.15
Lighting	LED Downlight	Incandescent downlight	LED downlight (display lighting)	7.73	2.08	1.49	2.13
Lighting	LED Lamps	Incandescent lamp ≥ 60W	LED lamp ≤12W	6.46	1.59	1.43	1.65
Lighting	LW HPT8 4ft 1 lamp, replace T12	T12 fluorescent	High performance low watt lamp T8 fluorescent	2.90	1.34	1.12	1.75
Lighting	LW HPT8 4ft 2 lamp, replace T12	T12 fluorescent	High performance low watt lamp T8 fluorescent	2.97	1.57	1.13	2.12
Lighting	LW HPT8 4ft 3 lamp, replace T12	T12 fluorescent	High performance low watt lamp T8 fluorescent	3.97	2.01	1.25	2.54
Lighting	LW HPT8 4ft 4 lamp, replace T12	T12 fluorescent	High performance low watt lamp T8 fluorescent	3.58	2.14	1.21	2.89
Motors/Pumps/VFDs	VSD Air Compressors	Screw Air Compressor with Modulation Control	Screw Air compressor with Variable Speed Drive control to regulate air flow	4.62	3.75	1.38	5.3